

AMENDMENTS TO THE CLAIMS

The listing of claims below will replace all prior versions and listings of claims in the application:

Listing of the Claims:

Claim 1. (*Currently Amended*) Measuring A measuring device for testing the cut quality of a sheet, with comprising:

a transparent scanning substrate ~~comprising a stop for a sheet~~ for holding the sheet,
a scanning device with defining a scanning window in a region of the scanning substrate,
and

a cover for covering the sheet held by the scanning substrate, wherein the scanning window overlaps the sheet, forming edge regions surfaces, and the cover has different reflection properties from the sheet for producing a high-contrast scanned image of the sheet and of the edge regions-surfaces between the sheet and the scanning window.

Claim 2. (*Currently Amended*) Measuring The measuring device according to claim 1, characterised in that wherein the scanning device is connected by a wire to a computer for evaluating the scanned image.

Claim 3. (*Currently Amended*) Measuring The measuring device according to claim 1, characterised in that wherein adjacent to the scanning substrate is provided a sheet holder for a stack of sheets and a conveyor for drawing in and positioning a sheet.

Claim 4. (*Currently Amended*) Measuring The measuring device according to claim 3, characterised in that wherein the conveyor is designed as a belt conveyor and the cover is formed by the belt of the belt conveyor.

Claim 5. (*Currently Amended*) Measuring The measuring device according to claim 4, characterised in that wherein the belt is made of rubber blanket.

Claim 6. (*Currently Amended*) Measuring The measuring device according to claim 3, characterised in that wherein the conveyor is formed by transport rollers and the cover is formed by a cover plate spaced apart from the scanning substrate.

Claim 7. (*Currently Amended*) Measuring The measuring device according to claim 3, characterised in that wherein the conveyor is designed to convey stepwise over the length or width of a sheet and is offset from a [[the]] stop in the direction of conveying in such a way that the sheet can be laid at a distance from the stop.

Claim 8. (*Currently Amended*) Measuring The measuring device according to claim 3, characterised in that wherein the conveyor is designed to convey stepwise over the length or width of a sheet plus a distance x and the sheet can be laid at a distance from a [[the]] stop.

Claim 9. (*Currently Amended*) Measuring The measuring device according to claim 3 [[1]], characterised in that wherein the cover, the sheet holder and/or the conveyor is held in a lid mounted pivotably by means of hinges adjacent to the scanning substrate.

Claim 10. (*Currently Amended*) Measuring A measuring method for testing the cut quality of a sheet, in which the sheet is positioned comprising:

positioning the sheet on a transparent scanning substrate with a stop,
covered covering the sheet with a cover, wherein the cover has different reflection
properties from the sheet, [[and]]

scanned scanning the sheet with a scanning device, wherein the scanning device
scans in the region of a scanning window which encompasses both the sheet and edge regions
surfaces (10, 11, 12, 13) surrounding the sheet, and

detecting differences in contrast between the sheet and the edge regions surfaces
are detected.

Claim 11. (*Currently Amended*) Measuring The measuring method according to claim 10, characterised in that further comprising

transmitting signals corresponding to the differences in contrast are transmitted from the scanning device via a wire to a computer and

evaluated by the latter evaluating the signals with the computer.

Claim 12. (*Currently Amended*) Measuring The measuring method according to claim 10, characterised in that wherein the sheet is laid in a sheet holder and drawn in and

positioned on the scanning substrate by a conveyor.

Claim 13. (*Currently Amended*) Measuring The measuring method according to claim 10, ~~characterised in that wherein~~ the scanning device scans with a resolution of approximately equal to or more than 1000, ~~preferably 1200 dpi~~.

Claim 14. (*Currently Amended*) Measuring The measuring method according to claim 10, ~~characterised in that wherein~~ the sheet is conveyed and positioned on the scanning substrate by a belt conveyor and covered by the belt of the belt conveyor.

Claim 15. (*Currently Amended*) Measuring The measuring method according to claim 10, ~~characterised in that wherein~~ the sheet is conveyed onto the scanning substrate by transport rollers and covered by a cover plate spaced apart from the scanning substrate.

Claim 16. (*Currently Amended*) Measuring The measuring method according to claim 14, ~~10, characterised in that wherein~~ the conveyor is offset from a [[the]] stop in the direction of conveying and conveys stepwise over the length or width of a sheet and lays the sheet at a distance from the stop.

Claim 17. (*Currently Amended*) Measuring The measuring method according to claim 14, ~~10, characterised in that wherein~~ the conveyor conveys stepwise over the length or width of a sheet plus a distance x and lays the sheet at a distance from a [[the]] stop.

Claim 18. (*Canceled*)

Claim 19. (*New*) The measuring method according to claim 13, wherein the scanning device scans with a resolution of approximately 1200 dpi.

Claim 20. (*New*) A measuring device for testing the cut quality of a sheet, comprising:

- a sheet holder for holding a stack of sheets;
- a transparent scanning substrate configured to receive a sheet from the sheet holder;
- a scanning device constructed to move parallel to the transparent scanning substrate to define a scanning window within a region of the scanning substrate, wherein the scanning

window overlaps the sheet to define edge regions between cut edges of the sheet and adjacent boundaries of the scanning window;

a conveyor constructed to draw a sheet from the sheet holder and position the sheet on the scanning substrate within the scanning window, wherein the conveyor is disposed opposite the scanning substrate and has different reflection properties from the sheet for producing a high-contrast scanned image of the sheet and the edge regions; and

a computer connected to the scanning device and configured to evaluate the scanned image to measure the cut quality of the sheet.